PEXPESS Mail No. EV 312717304 US Date of Opposit: January 27, 2004

JAN 2 7 2004 Elus sign (+) in this box

PTO/SB (12-97)

Approved for use through 9/30/00. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Modified	Form 1449/	PIO		Application Number	10/624,	081	
				Filing Date	July 21,	2003	
	INFOR	MATION DISCL	.OSURE	First Named Inventor	Dionne		
STATEMENT BY APPLICANT				Group Art Unit		Assigned	<u></u>
				Examiner Name	Not Yet Assigned		
, ,	(use a	s many sheets as ne	cessary)	Attorney Docket Number	19141-509CIP2DIV12CON2		
	·		£14 ·	U.S. PATENT DOCUMENTS			
··	Cito	Luc Peres	<u>` </u>				s de je v e
Exam Initials	Cite No.	U.S. Patent Document No.	Issue Date	Name of Patentee(s) or Applicant(s)	Class	Sub Class	Filing Date If Appropriat
54	A1*	3,093,831	06/18/63	Jordan			
	A2*	3,615,024	10/26/71	Michaels	,		
	A3*	4,251,387	02/17/81	Lim, et al.			
	A4*	4,298,002	11/03/81	Ronel			
	A5*	4,324,683	04/13/82	Lim, et al.			
	A6*	4,352,883	10/05/82	Lim	سنزا سعو		
	A7*	4,391,909	07/05/83	Lim	45		
	A8*	4,407,957	10/04/83	Lim			
	A9*	4,479,796	10/30/84	Kallok	4		
	A10*	4,353.888	10/12/82	Sefton			
	A11*	4,409,331	10/11/83	Lim			-
	A12*	4,663,286	05/05/87	Tsang, et al.			
	A13*	4,670,014	06/02/87	Huc	4		
	A14*	4,686,098	08/11/87	Kopchick			
	A15*	4,689,293	08/25/87	Goosen			
	A16*	4,749,620	06/07/88	Rha			
	A17*	4,789,550	12/06/88	Hommel			
1	A18*	4,806,355	02/21/89	Goosen	-		
	A19*	4,868,121	09/19/89	Scharp	——		
	A20*	4,883,666	11/28/89	Sabel	·		
	A21*	4,892,538	01/0990	Aebischer			
	A22*	4,902,295	02/20/90	Walthall			
1	A23*	4,942,129	06/17/90	Goosen	 		
	A24*	4,960,415	10/02/90	Reinmuller			
$\dagger \Box$	A25*	5,002,661	03/26/91	Chick	$+$ \subset		
	A26*	5,026,365	06/25/91	Rossini			
	A27*	5,082,670	01/21/92	Gage	-		
	A28*	5,084,350	01/28/92	Chang	+		
1 1	A29*	5,106,627	04/21/92	Aebischer	+		
	A30*	5,156,844	10/20/92	Aebischer	+		***************************************
1	A31*	5,158,881	10/27/92	Aebischer, et al.	+		
+-+	A32*	5,283,187	02/01/94	Aebischer, et al.	$+\leftarrow$		
+	A33*	5,284,761	02/08/94	Aebischer, et al.	+-		
1	A34*	5,292,515	03/08/94	Moro			
1	A35*	5,389,535	02/14/95	Aebischer, et al.	 		
1	**A36	5,800,828			1		
+	**A37	5,874,099	09/1998	Dionne, et al.			
+	***A38			Dionne, et al.			
54	***A39	6,083,523 6,322,804	07/04/00 11/27/01	Dionne, et al. Dionne, et al.	<u>_</u>		

10/17/04

Date of Deposit: January 27, 2004

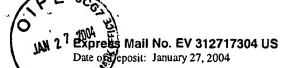
JAN 2 7 2004 2

		ن <u>ي</u> محمد			FOREIGN PATENT DOCUMENTS		. •	
Exam N		Cite No.	Foreign Patent Document Office Number		Name of Patentee(s) or Applicant(s)	Date of Publication	Translation Yes No	
50	ر	B1*	wo	87/03802	Schrezenmeir	04/02/87		
1		B2*	wo	87/04367	Lim	07/30/87		
		B3*	wo	88/10103	Gaskill	12/29/88		
		B4*	wo	89/04655	Aebischer	06/01/89		
	\perp	B5*	wo	90/02580	Aebischer	03/22/90		
		B6*	wo	90/05552	Aebischer	05/31/90		
		B7*	WO	90/15637	Aebischer	12/27/90		
		B8*	wo	91/00119	Mandel	01/10/91		
		B9*	wo	91/02498	Chick	03/07/91		
		B10*	wo	91/07951	Skjak-Braek	06/13/91		
		B11*	wo	91/09119	Skjak-Braek	06/27/91		
		B12*	wo	91/10425	Aebischer	07/25/91		
		B13*	wo	91/10470	Aebischer	07/25/91		
		B14*	wo	91/07525	Brauker	05/14/92		
		B15*	wo	91/00063	Aebischer	01/07/93		
		B16*	WO	91/00127	Aebischer	01/07/93		
		B17*	wo	91/00128	Aebischer	01/07/93		
		B18*	wo	91/00439	Aebischer	01/07/93		
		B19*	WO	91/03901	Faustman	03/04/93		
		B20*	wo	91/21902	Ward	11/11/93		
		B21*	wo	91/22427	Ward	11/11/93		
		B22*	EP	127,989	Goosen	12/12/84		
		B23*	EP	147,939	Altman	07/10/85		
		B24*	EΡ	188,309	Sun	07/23/86		
		B25*	EP	228,067	Kosaka	07/08/87		
		B26*	UK	2,192,171	Silbiger	01/06/88		
		B27*	wo	84/01287	Spielberg	04/12/84		
		B28*	wo	88/00237	Damon Biotech.	01/14/88		
		B29*	GB	2,094,750 A	Damon Corp.	09/22/82		
		B30*	GB	2,094,832 A	Damon Corp.	09/22/82		
34		B31*	GB	2,094,833 A	Damon Corp.	09/22/82		

* ***	* * *	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Exam Initials	Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
54	C1*	Aebischer et al. (1986). Trans. Am. Soc. Artif. Intern. Organs XXXII: 134-137.					
	C2*	Aebischer et al. (1991). Biol. Abstr. 91: 762.					
	C3.	Aebischer et al. (1991). Biomaterials 12: 50-56.					
	C4*	Aebischer et al. (1991). Brain Research 560: 43-49.					
	C5*	Aebischer et al. (1991). Exn. Neurol. 111: 269-275.					
	C6*	Aebischer et al. (1991). J. Biomech. Eng. 113: 178-183.					
	C7*	Aebischer and Goddard (1991). Science 252: 133.					
	C8*	Algire et al. (1954). J. National Cancer Institute 15: 493-507.					
	C9*	Altman et al. (1984). Trans. Am. Soc. Artif. Intem. Organs XXX:382-386.					
	C10*	Altman et al. (1986). Diabetes 35: 625-633.					
	C11*	Amicon Corp. Publication No. 442C, pp. 1-4.					
1	C12*	Archer et al. (1980). J. Surgical Research 28: 77-85.					
54	C13*	Bontempo et al. (1987). Blood, 69: 1721-1724.					

And States:

10/17/04



8 7	H.F.	OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Exam Initials		Cite No.	Name of Author, Title (when appropriate), Publication, Volume, Page(s), Date, Etc.					
L	5m C14"		Brandrup et al. (1989). Polymer Handbook.					
L		C15*	Britt et al. (1981). Diabetes 30: 580-583.					
	C16*		Cabasso (1980). Encyclopedia of Chemical Technology 12: 492-517.					
L	C17*		Cai et al. (1988). Artificial Organs 12: 388-393.					
L	C18*		Cepko (1988). Neuron 1: 345-353.					
L	C19*		Christenson et al. (1989). J. Biomed. Mat. Res. 23: 705-718.					
	C20*		Christenson, Ph.D. (1990). Thesis, Brown University.					
L		C21*	Cohen et al. (1990). J. Am. Chem. Soc. 112: 7832-7833.					
L	C22*		Cole et al. (1992). Diabetologia 35: 231-237.					
		C23*	Darquy et al. (1985). Diabetologia 28: 776-780.					
L		C24*	Darquy et al. (1987). Trans. Am. Soc. Artif. Intern. Organs XXXIII: 356-358.					
		C25*	Dionne (1989). Thesis Ph.D., Massachusetts Institute of Technology: 170-184.					
		C26*	Dupuy et al. (1988). J. Biomed. Mat. Res. 22: 1061-1070.					
		C27*	Edmunds et al. (1989). Applied Biochemistry and Biotechnology 20-21: 603-619.					
		C28*	Faithfull (1987). Anaesthesia <u>42</u> : 234-242.					
		C29*	Fan et al. (1990). <i>Diabetes</i> <u>39</u> : 519-522.					
		C30*	Fu et al. (1989). Transplantation 47: 432-435.					
	\cdot	C31*	Gordon et al. (1987). Nature 326: 403-405.					
		C32*	Hama et al. (1993). Pain <u>52</u> : 223-231.					
		C33*	Hoffman et al. (1990). Exp. Neurol. 110: 39-44.					
		C34*	Hong et al. (1989). Int. J. Radiation Oncology Biol. Phys. 16: 1097-1099.					
		C35*	lwata et al. (1989). Diabetes 38: 224-225.					
		C36*	Jaeger et al. (1990). Progress in Brain Research 82: 41-46.					
		C37*	Jaeger et al. (1991). Brain Research 551: 163-170.					
		C38*	Jarret et al. (1976). The Lancet 2: 1009-1012.					
		C39*	Jolley et al. (1977). Transplantation Proceedings IX: 363-365.					
		C40*	Klomp et al. (1983). Journal of Biomedical Materials Research 17: 865-871.					
		C41*	Lacy et al. (1979). Science 204: 312-313.					
		C42*	Lacy et al. (1991). Science 254: 1782-1784.					
		C43*	Land et al. (1983). Nature 304: 596-602.					
		C44*	Leung et al. (1983). Artificial Organs 7: 208-212.					
		C45*	Lim et al. (1980). Science 210: 908-910.					
		C46*	Livett (1984). Physiology Reviews <u>64</u> : 1103-1161.					
		C47*	Maniats et al. (1978). Can. J. Comp. Med. 42: 428-437.					
		C48*	Matthews et al. (1981). Recent Advances in Germiree Research: 61-64.					
Г		C49*	NASA Tech. Briefs MSC-21480, U.S. Gov't. Printing Office, Washington, D.C.					
		C50*	NASA Tech. Briefs NPO-17517, Vol. 15 #1 page 54, U.S. Gov't. Printing Office, Washington, D.C.					
		C51*	O'Shea et al. (1984). Biochem. Biophys. Acta., 804: 133-136.					
		C52*	O'Shea et al. (1986). Diabetes 35: 943-946.					
		C53*	Reach (1984). Biomed. Biochim. Acta. 43: 569-576.					
		C54*	Ricordi et al. (1988). Transplantation 45: 1148-1151.					
		C55*	Ronel et al. (1983). Journal of Biomedical Materials Research 17: 855-864.					
5	14	C56*	Sagen et al. (1986). Proc. Natl. Acad. Sci. USA 83: 7522-7526.					
	12	C56*	Sagen et al. (1986). Proc. Natl. Acad. Sci. USA 83: 7522-7526.					

